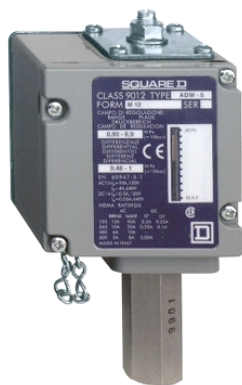


ADW4M119012  
Electromechanical pressur sensor switch - 210 Bar adjustable



Main

|                                                         |                                        |
|---------------------------------------------------------|----------------------------------------|
| Range of product                                        | OsiSense XM                            |
| Pressure sensor name                                    | ADW                                    |
| Pressure sensor type                                    | Electromechanical pressure sensor      |
| Product specific application                            | For regulation between 2 thresholds    |
| Scale type                                              | Adjustable differential                |
| Contacts type and composition                           | 1 C/O, snap action                     |
| Cable entry                                             | 1 entry tapped for ISO M20 cable gland |
| Fluid connection type                                   | G 3/8 (female) conforming to ISO 228   |
| Materials in contact with fluid                         | Buna N<br>Cast iron<br>Steel           |
| Pressure sensor size                                    | 210 bar                                |
| Adjustable range of switching point on falling pressure | 0...203.1 bar                          |
| Adjustable range of switching point on rising pressure  | 28...210 bar                           |
| Pressure actuator                                       | Piston with drainage hole              |
| Electrical circuit type                                 | Control circuit                        |

Complementary

|                                               |                                                        |
|-----------------------------------------------|--------------------------------------------------------|
| Electrical connection                         | Screw-clamp terminals, 1 x 1...2 x 2.5 mm <sup>2</sup> |
| Controlled fluid                              | Synthetic oil (-30...125 °C)                           |
| Short-circuit protection                      | 10 A by gG cartridge fuse                              |
| Enclosure material                            | Zinc alloy                                             |
| Possible differential minimum at low setting  | 6.9 bar                                                |
| Possible differential minimum at high setting | 6.9 bar                                                |
| Possible differential maximum at low setting  | 28 bar                                                 |
| Possible differential maximum at high setting | 28 bar                                                 |
| Maximum permissible pressure - per cycle      | 690 bar                                                |
| Mechanical durability                         | 1000000 cycles                                         |
| Setting                                       | External                                               |
| Local display                                 | Without                                                |
| Terminals description ISO n°1                 | (1-2)NC<br>(3-4)NO                                     |
| Width                                         | 88 mm                                                  |
| Height                                        | 176 mm                                                 |
| Depth                                         | 68 mm                                                  |
| Product weight                                | 1.88 kg                                                |

Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| protective treatment                  | TC                              |
| standards                             | CE<br>EN/IEC 60947-5-1          |
| product certifications                | CSA<br>UL recognized<br>EAC     |
| IP degree of protection               | IP65 conforming to EN/IEC 60529 |
| ambient air temperature for operation | -30...85 °C                     |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

|                          |                           |
|--------------------------|---------------------------|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW)   | Will not be Compliant     |